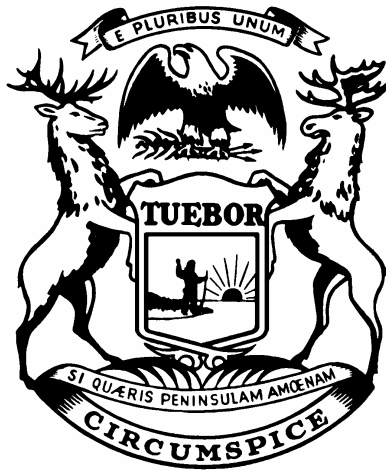


STATE OF MICHIGAN  
DEPARTMENT OF STATE POLICE  
AND  
DEPARTMENT OF MANAGEMENT AND BUDGET  
SPECIFICATIONS AND PRICING INFORMATION FOR

APPENDIX A  
PATROL VEHICLE  
SPECIFICATIONS  
2008 MODEL YEAR



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Patrol Vehicles, Ford Police Interceptor - Crown Victoria

GORNO FORD

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STATE OF MICHIGAN  
DEPARTMENT OF MANAGEMENT AND BUDGET  
OFFICE OF PURCHASING

INDEX TO

SPECIFICATIONS FOR  
**2008 PATROL VEHICLES**

<u>DESCRIPTION</u>	<u>MICH. SPEC. NO.</u>	<u>PAGE NO</u>
Pre-Delivery Service	Preface	C
Receiving Procedure	Preface	D

All vehicles must be new and of the manufacturer's current models in production at the time of delivery. All standard or optional equipment to be included shall be as advertised by the manufacturer (OEM) and factory installed and shall not consist of substitute or after market equipment. Special Edition Pricing Packages which may limit available options are not acceptable. Optional equipment not available from the factory may be dealer installed.

The dealer's vehicle order confirmation sheet listing all the standard options provided with the vehicle in accordance with the State of Michigan Specification shall be provided at each of these steps in the process:

- ☒ With dealers bid submittal to the State of Michigan
- ☒ With original quote from the dealer to the customer
- ☒ Upon delivery of the vehicle from the dealer to the customer
- ☒ Customer shall use as a check list when accepting the vehicle to verify all ordered options are included on the vehicle

**DESCRIPTION**

**MICH. SPEC. NO.**

**PATROL VEHICLES**

**POLICE CAR: PATROL, 4-Door Sedan, Rear Wheel Drive, Large, Crown Vic 3905-0010  
Body on Frame type Construction**

**PRE-DELIVERY SERVICE**

The term "Pre-Delivery Service and Inspection" as used in State of Michigan Specifications includes the following:

1. General appearance of body both interior and exterior for completeness and quality of workmanship.
2. Lubrication and fluid levels and correcting any leaks:
  - a. Radiator
  - b. Windshield Washer
  - c. Battery
  - d. Power steering pump
  - e. Brake master cylinder
  - f. Engine oil
  - g. Transmission fluid level.
3. Mechanical operation of vehicle:
  - a. Steering gear and linkage
  - b. Suspension assembly, front and rear
  - c. Proper tire pressure to normal rated road requirements
  - d. Hood latch
  - e. Head lights, aim and adjust
  - f. Front wheel toe in and torque wheel nuts
  - g. Seat and shoulder belts operative
  - h. All locks and latches to be operative
  - i. Windshield wiper and washer to be operative
  - j. Proper adjustment to all drive belts
  - k. Proper adjustment to carburetor, timing and throttle linkage.
4. A check of all electrical operations to include: headlights, side marker lights, temperature, alternator, oil pressure lights, parking lights, stop and tail lights, directional signals, emergency flasher and parking brake lights.
5. Miscellaneous items to be furnished:
  - a. Manufacturers Window Sticker shall not be removed from vehicle
  - b. Odometer Certification, and Vehicle Curb Weight at time of delivery
  - c. Manufacturers or Dealers Pre-Delivery Check Sheet
  - d. Vehicle shall have a Minimum of (4) Gallons of Fuel in tank when delivered
  - e. Warranty Plate and Operators Manual(s) shall be delivered with vehicle at no cost to the State of Michigan.

It is intended that vehicles delivered in accordance with the Michigan specifications will be complete, including mechanical details, general workmanship and appearance, and shall be delivered complete with all warranty service books and identification plate.  
Failure to adhere to specifications may be reason to delay payment.

### **RECEIVING PROCEDURE**

It is important that all State agencies and departments carefully inspect all vehicles prior to signing the Freight Bill. If any vehicle is received in a damaged condition of component parts or accessories are missing, a notation of the discrepancies is to be made on the Freight Bill and then be signed by the driver who delivered the vehicles. A Complaint to Vendor Form should be initiated and sent to the vendor at once noting discrepancies. Failure to note obvious deficiencies at time of delivery on the Freight Bill may place the burden of repair on the receiving agency.

It is recommended that the following items be checked prior to signing the Freight Bill:

1. Visually inspect exterior of vehicle for paint, body, tire, tail light, antenna, outside rear view mirror and molding damage.
2. Visually inspect under hood for the following items:
  - a. Air cleaner
  - b. Battery and caps
  - c. Radiator cap
  - d. Windshield washer container.
3. Check for cracked or broken windows.
4. Check trunk compartment for the following:
  - a. Spare tire and wheel
  - b. Jack
  - c. Wheel wrench
  - d. Four hub caps
  - e. Trunk mat.
5. Check interior of car for the following items:
  - a. Owner's manual and warranty material
  - b. Cigarette lighter
  - c. Two sets of keys
  - d. Make sure all seat belts are installed
  - e. Sun visors
  - f. Upholstery damage or excessive soil.

It is the responsibility of the agency to check for any other items that could possibly have been missing in accordance with the purchase order and the specification data.

STATE OF MICHIGAN  
DEPARTMENT OF MANAGEMENT AND BUDGET  
OFFICE OF PURCHASING

Specifications for  
POLICE CAR: PATROL  
4-Door Sedan  
Rear Wheel Drive  
Construction- Body on Frame  
Large  
**(120+ cubic feet volume)**

MAKE

**Ford Police Interceptor**

SPECIFICATION

MODEL

**2008 CURRENT NEW - STANDARD FACTORY EQUIPPED:**

**Vehicles to be factory equipped with the following items, unless dealer installation is herein permitted.**

AIR BAGS

Vehicle to be equipped with driver frontal impact, passenger frontal impact and side impact air bag passive restraint system.

AIR CONDITIONING

System must be designed to prevent component damage due to high speed driving.

ALTERNATOR

Transistorized regulator, minimum curb idle output of 110 amps measured at 200 degrees Fahrenheit (at manufacturer's recommended idle speed). Shall be of heavy-duty design, capable of surviving patrol car operation. Maximum output shall be at least 185 amps at 220 degrees Fahrenheit. Output ratings are for typical summer underhood ambient temperatures measured Fahrenheit and not S.A.E rating method.

ANTENNA

Vehicle to be equipped with standard AM/FM type original equipment antenna embedded in glass. Mast type antenna not acceptable.

ANTIFREEZE

To be equipped with antifreeze protection to -35 degrees F minimum.

BATTERY

12 volt, minimum 730 cold cranking amps.

BODY SIDE MOLDING

Vehicle to be equipped with body side molding. Molding on front doors to be deleted. No holes to be on doors for moldings.

BRAKES

Vehicle to be equipped with power assisted, four wheel disc, anti-lock brake system.

**POWER PORTS PREFERRED**

To be located on instrument panel wired independent of ignition system.

COOLING SYSTEM

Vehicle to have maximum size cooling system available, incorporating "coolant recovery" system.

DIFFERENTIAL

Heavy duty, limited slip required. (Ratio 3.27:1)

ENGINE

Engine to be the largest cubic inch/liter displacement available in the model of the vehicle submitted, with specific displacement to the manufacturer's option, providing the car will meet or exceed the vehicle performance requirements in the Qualification Testing section of this specification.

FUEL SYSTEM

Fuel system shall be gasoline and/or E85 capable. System shall be able to operate at various percentages of the two fuel mixtures.

FLOOR MAT

Full floor mat, heavy-duty rubber or vinyl, front and rear.

GLASS

All windows shall be heat absorbing (tinted) type.

HEADLIGHTS

To be equipped with high and low beam quartz-halogen headlights.

HOOD LATCH RELEASE

To be equipped with inside hood latch release.

KEYS

Three (3) keys to be furnished with each car. Third key may be dealer supplied on original equipment blank only.

LICENSE PLATE BRACKETS

Vehicle shall be equipped with manufacturer supplied front and rear license plate brackets. Dealer may install.

LIGHTS, INTERIOR

Dome light to be mounted on headliner on longitudinal centerline of vehicle approximately 25" from windshield garnish molding. Operation to be independent of other lights. Vehicle to be equipped with two, separately switched, map lights, to direct a restricted beam of light to the driver and/or the front seat passenger. Exact mounting position to be approved by the Michigan State Police. No interior light to be illuminated by open doors.

LIGHT, TRUNK COMPARTMENT

To be equipped with a trunk compartment light. The trunk light to be activated by lighting control module.

LOCKS

To be equipped with power door locks. All locks on a car to be keyed alike, different key for each car.

MIRRORS, REARVIEW (INSIDE)

Day/night type.

MIRRORS, SIDEVIEW (OUTSIDE)

Remote control type, installed on left-hand and right-hand doors. Controls to be within convenient reach of the driver. Rectangular design approximate size 5" x 3"; minimum viewing area of 15 square inches.

PAINT COLOR

To be same color as Dulux 93-032. Paint color code to be indicated on production code plate.

**PILOT INSPECTION**

On any order of 15 or more vehicles and prior to initial delivery of police vehicles, the manufacturer shall schedule a pilot model inspection in order to determine compliance with the specifications. The inspection shall be conducted at each point of vehicle assembly. The manufacturer will be responsible for all travel costs incurred for the pilot inspection.

PREDELIVERY SERVICE

Vehicles to undergo predelivery service as provided in the State of Michigan Specification Book. May be completed by dealer.

RADIO

Radio to be standard equipment model.

RADIO NOISE SUPPRESSION

Vehicle shall be equipped with standard AM and police radio noise suppression package, to include any optional grounding straps. The vehicle shall not interfere with signals received or transmitted by the mobile police radio system, nor shall the vehicle be affected by the operation of a police mobile transmitter.

#### RADIO SPEAKER(S)

A permanent magnet speaker(s), either oval or round, to be mounted in the speaker opening(s) provided on the dash/door of the unit. Speaker(s) to be of a quality equal to automotive grade. Speaker leads connected to the speaker terminals, not grounded, shall extend three feet beyond the lower edge of the center of the dashboard, (dealer may install wiring extensions).

Two/Four Speaker Installation: Speakers to be located on left and right sides of the dashboard (preferred location) or positioned in the forward portion of the left and right hand front doors. Four speaker system to include two additional speakers installed on rear deck shelf. It is preferred voice coil impedance of all speakers combined shall equal 8 ohms, power handling capacity 10 watts, minimum.

#### REAR WINDOW DEFOGGER

Electrical grid type. Control to be within convenient reach of driver, control switch to be clearly marked as to function.

#### ROOF TOP REINFORCEMENT AND SPECIAL WIRING

Install a steel plate at least 2.25 mm thick x 10" wide to the underside of top, centered on the longitudinal center line of the roof panel. Plate is to extend from the windshield header to the first top cross-member support and is to be welded at both ends. Plate to hold roof skin in its normal position, not allowing skin to deflect if pressure is applied to top surface. The purpose of the plate is to support the overhead emergency light.

Vehicle to include a 30-amp circuit breaker equipped battery feed auxiliary wire, and 30-amp circuit breaker equipped ignition feed auxiliary wire.

#### SEAT ASSEMBLY, FRONT

Bucket seat type, 45/45 or 40/40, individually adjustable. The drivers seat only to be 6-way power, with manual reclining seatbacks. Both seats to have heavy-duty interior construction designed for rugged police use, comfortable foam-padded seat cushions and backs, with integrated anti stab plates. To permit the installation of radio equipment, a minimum width of ten (10) inches is required between the bucket seats. Floor mounted shift lever with console not permitted.

#### SPARE TIRE

Full size spare tire and wheel to be mounted in trunk.

#### SPECIAL ENGINEERING, POLICE PACKAGE

Vehicle to be equipped with the manufacturer's engineered Police Package, capable of emergency high speed vehicle operations.

### SPEEDOMETER

Shall be calibrated to within  $\pm 3$  mph accuracy, 0 - 140 mph scale minimum. Analog type scale graduations to be linear and of 1 or 2 mph increments. Digital type speedometer to be in 1 mph increments.

### SPOTLIGHTS

Unity ABS plastic spotlights (equipped with halogen spotlamp) to be mounted on the left-hand and right-hand "A" pillar. Left and right spotlights to be wired independent of ignition, individually fused with 10 to 20 amp capacity. Spotlight fuses shall be readily accessible to the driver, with location in the fuse panel preferred. Spotlights shall be factory installed if offered by the vehicle manufacturer. Any non-factory installation shall be authorized by the vehicle manufacturer. Installation to be approved by Michigan State Police.

### STEERING

Power steering, manufacturer to provide steering gear which affords maximum "firm feel" and fast return characteristics designed for high speed pursuit type driving.

### STEERING WHEEL

Tilt type steering wheel required. Round with anti-slip surface.

### SUSPENSION SYSTEM, POLICE

To include heavy-duty springs, front and rear, in combination with heavy-duty shock absorbers, and front and rear heavy-duty stabilizer bars.

### TECHNICAL SERVICE BULLETINS

Manufacturer to supply four (4) copies of all Technical Service Bulletins covering vehicles purchased under this specification. May be supplied on disc if approved by Vehicle and Travel Services.

## **TIRES**

Tires (including spare) to be Goodyear, police pursuit radials, per State of Michigan specification 5260-S1. Speed rating to meet or exceed vehicle performance capabilities. Tire to be approved by Michigan State Police.

TIRE PRESSURE MONITORING SYSTEM

To be equipped with tire pressure monitoring system.

TOOLS

Wheel wrench and jack.

TRANSMISSION

To be 3- or 4-speed, fully automatic, heaviest duty available. Must incorporate low gear lockout to prevent manual shifting. Transmission selector lever shall be shortest design available, to minimize intrusion of the equipment mounting area.

TRIM

Front and rear bumper valances (fascias) to be color coordinated. Color to be approved by Michigan State Police.

TRUNK MAT

To be full floor.

TRUNK RELEASE, LOCKABLE AND REMOTE

To be equipped with lockable, remote control trunk release. Control to be within convenient reach of the driver, (in glove box not acceptable). If electric, system wired independently of ignition switch.

UPHOLSTERY, FRONT & REAR

Front seats to be upholstered in heavy-duty cloth or combination of heavy-duty cloth and vinyl (blue is preferred, black acceptable). All vinyl not- acceptable. Rear bench seat to be upholstered with all vinyl.

WHEELS AND COVERS

To be 17" heavy-duty construction, designed for police use, black in color. It is preferred wheels be equipped with hubcaps. Full wheel covers acceptable.

WINDOWS, POWER

**Side windows to be electrically powered with each door having its own window control. The driver's door to have controls for all windows. Rear door power window switches to be deactivated. Rear power windows to be operable from driver's position only.**

WINDSHIELD WIPERS/WASHERS

**Multiple speed electric, to include intermittent feature.**

NOTE: No dealer advertising to be on vehicles.

PRICING SHEET

<b>Specifications for <u>POLICE CAR: PATROL</u> 4-Door Sedan Rear Wheel Drive Construction- Body on Frame Large (120+ cubic feet volume)</b>	
<b>Standard Equipped Per above Specification</b>	
<b>Make: <u>Ford</u> Model: <u>Ford Police Interceptor</u></b>	
<b>Deletions for all items:</b> 1) Roof Top Reinforcement 2) Pilot Inspection 3) Special Paint (Colors will be Mfg. Standard) 4) Technical Service Bulletins	
<b>TOTAL COST (Standard Specs subtract deletions) <i>F.O.B. - Dealership</i> Delivery Cost Per Mile <u>\$3.00</u></b>	<b>= <u>\$20,456.00</u></b>
<b>Final Point of Assembly: St. Thomas, Ontario, Canada</b>	
<b><u>Dealer Information</u> (Bidder to complete with first vehicle bid only)</b>	
<b>Dealer Name: Gorno Ford</b>	
<b>Street Address: 22025 Allen Rd.</b>	
<b>City: Woodhaven</b>	<b>State: MI Zip: 48183</b>
<b>Contact Name: Eddie Williams</b>	
<b>Telephone: (734) 231-4747</b>	
<b>Cell: (313) 319-3431</b>	
<b>E-mail: ewilliams@gornoford.com</b>	

**\*Please Note: A vehicle order confirmation sheet is included for each vehicle.  
These documents shall include all the "standard options" as listed for the State of Michigan standard specification.**

CNGPDSU

## VEHICLE ORDER CONFIRMATION

01/07/08 12:00:34

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Dealer: F48022

2008 CROWN VICTORIA

Page: 1 of 1

Order No: 0001 Priority: C2 Ord FIN: QS040 Order Type: 5B Price Level: 835  
Ord Code: 720A Cust/Flt Name: ST-MI PO Number:

	RETAIL	DLR INV	RETAIL	DLR INV
P71	POLICE INTERCEP		FRT LICENSE BKT	NC
UA	BLACK CLEARCOAT		21A PWR DRIVER SEAT	
I	CLTH BKTS/VNL R		45C 3.27 RATIO-TRAC	
N	CHARCOAL BLACK		478 C/LAMPS DISABLE	
720A	ORDER CODE		51Y DUAL SPOT LAMPS	
	.POLICE PACKAGE		53M NOISE SUPPRESS	
	.DUAL EXHAUST		59M SIDE AIR BAGS	
	.17" STEEL SPARE	*	946 2-WAY RADIO PRP	
	.MANUAL AIR COND		948 RR WINDOW DEL	
	.H-D BATTERY		SP FLT ACCT CR	
	.ENG IDLE METER		5 U.S. GAL GAS	
99V	.4.6L OHC FFV V8	NC	NC	DEST AND DELIV
44Q	.ELEC AOD TRANS	NC	NC	TOTAL BASE AND OPTIONS
TC1	.P235/55R17 BSW	NC	NC	TOTAL
	JOB #2 ORDER			*THIS IS NOT AN INVOICE*

F1=Help

F2=Return to Order

F3/F12=Veh Ord Menu

F4=Submit

F5=Add to Library

S099 ~ PRESS F4 TO SUBMIT

QC02967

*\* REVISED 1/7/08*